

Fu-Shun Liang

List of Publications by Year in descending order

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2,611
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citing authors

#	ARTICLE	IF	CITATIONS
1	Oxadiazole-Functionalized Europium(III) β^2 -Diketonate Complex for Efficient Red Electroluminescence. <i>Chemistry of Materials</i> , 2003, 15, 1935-1937.	6.7	162
2	Utilizing π - π^* Bonds for Ultralong Organic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6645-6649.	13.8	154
3	Crystalline low band-gap alternating indolocarbazole and benzothiadiazole-cored oligothiophene copolymer for organic solar cell applications. <i>Chemical Communications</i> , 2008, , 5315.	4.1	125
4	Utilizing π - π^* Bonds for Ultralong Organic Phosphorescence. <i>Angewandte Chemie</i> , 2019, 131, 6717-6721.	2.0	107
5	Synthesis and electroluminescent property of poly(p-phenylenevinylene)s bearing triarylamine pendants. <i>Polymer</i> , 2005, 46, 3767-3775.	3.8	104
6	One-Pot Cascade Leading to Direct α -Imidation of Ketones by a Combination of N -Bromosuccinimide and 1,8-Diazabicyclo[5.4.1]undec-7-ene. <i>Organic Letters</i> , 2012, 14, 4202-4205.	4.6	72
7	Oxadiazole-containing material with intense blue phosphorescence emission for organic light-emitting diodes. <i>Applied Physics Letters</i> , 2002, 81, 4-6.	3.3	71
8	Blue organic light-emitting devices with an oxadiazole-containing emitting layer exhibiting excited state intramolecular proton transfer. <i>Chemical Physics Letters</i> , 2002, 358, 24-28.	2.6	70
9	Copper-catalyzed aerobic oxidative synthesis of α -ketoamides from methyl ketones, amines and NIS at room temperature. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9237.	2.8	63
10	Efficient Synthesis of Highly Functionalized Dihydropyrido[2,3-d]pyrimidines by a Double Annulation Strategy from α -Alkenoyl- β -carbamoyl Ketene-(S,S)-acetals. <i>Journal of Organic Chemistry</i> , 2006, 71, 1094-1098.	3.2	58
11	Chitosan-Coated Metal-Organic-Framework Nanoparticles as Catalysts for Tandem Deacetalization-Knoevenagel Condensation Reactions. <i>ACS Applied Nano Materials</i> , 2020, 3, 6316-6320.	5.0	54
12	N -Bromoimide/DBU Combination as a New Strategy for Intermolecular Allylic Amination. <i>Organic Letters</i> , 2013, 15, 5186-5189.	4.6	53
13	Intramolecular Thia-anti-Michael Addition of a Sulfur Anion to Enones: A Regiospecific Approach to Multisubstituted Thiophene Derivatives. <i>Journal of Organic Chemistry</i> , 2006, 71, 8006-8010.	3.2	52
14	Novel bis(8-hydroxyquinoline)phenolato-aluminum complexes for organic light-emitting diodes. <i>Synthetic Metals</i> , 2002, 131, 1-5.	3.9	51
15	Ambient-Light-Promoted Three-Component Annulation: Synthesis of Perfluoroalkylated Pyrimidines. <i>Organic Letters</i> , 2017, 19, 2358-2361.	4.6	49
16	Design and Synthesis of Alternating Regioregular Oligothiophenes/Benzothiadiazole Copolymers for Organic Solar Cells. <i>Macromolecules</i> , 2009, 42, 6107-6114.	4.8	48
17	Polyoxometalate-Induced New Self-Assemblies Based on Copper Ions and Bichelate-Bridging Ligands. <i>Crystal Growth and Design</i> , 2013, 13, 3454-3462.	3.0	48
18	Acetoacetanilides as Masked Isocyanates: Facile and Efficient Synthesis of Unsymmetrically Substituted Ureas. <i>Organic Letters</i> , 2010, 12, 4220-4223.	4.6	45

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19	Visible-Light-Promoted [5 + 1] Annulation Initiated by Electron-Donor-Acceptor Complexes: Synthesis of Perfluoroalkyl-Triazines. <i>Organic Letters</i> , 2019, 21, 3072-3076.	4.6	44
20	Organocatalyzed Anion Relay Leading to Functionalized 2,3-Dihydrofurans. <i>Organic Letters</i> , 2013, 15, 3978-3981.	4.6	43
21	N-Bromosuccinimide/1,8-Diazabicyclo[5.4.1]undec-7-ene Combination: β -Amination of Chalcones via a Tandem Bromoamination/Debromination Sequence. <i>Organic Letters</i> , 2013, 15, 852-855.	4.6	43
22	Facile and efficient synthesis of 1-haloalkynes via DBU-mediated reaction of terminal alkynes and N-haloimides under mild conditions. <i>RSC Advances</i> , 2014, 4, 30046-30049.	3.6	43
23	Efficient One-Pot Synthesis of Polyfunctionalized Thiophenes via an Amine-Mediated Ring Opening of EWG-Activated 2-Methylene-1,3-dithioles. <i>Organic Letters</i> , 2007, 9, 4845-4848.	4.6	42
24	Alkyne aminohalogenation enabled by DBU-activated N-haloimides: direct synthesis of halogenated enamines. <i>Chemical Communications</i> , 2014, 50, 2360.	4.1	41
25	Copper-Mediated C-N Bond Formation via Direct Aminolysis of Dithioacetals. <i>Organic Letters</i> , 2006, 8, 2547-2550.	4.6	38
26	Carbon Tetrabromide-Mediated Carbon-Sulfur Bond Formation via a Sulfenyl Bromide Intermediate. <i>Organic Letters</i> , 2008, 10, 2485-2488.	4.6	38
27	Halonium-Initiated C=O Bond Formation via Umpolung of α -Carbon to the Carbonyl: Efficient Access to 5-Amino-3-hydroxy-furanones. <i>Organic Letters</i> , 2012, 14, 712-715.	4.6	37
28	A New Route to Multifunctionalized p-Terphenyls and Heteroaryl Analogues via [5C + 1C(N)] Annulation Strategy. <i>Journal of Organic Chemistry</i> , 2009, 74, 899-902.	3.2	36
29	Iron(II)-Catalyzed Oxidation of α -C-H Bonds Adjacent to a Nitrogen Atom of Unprotected Arylureas with tert-Butyl Hydroperoxide in Water. <i>Organic Letters</i> , 2011, 13, 1674-1677.	4.6	34
30	Cyanation of α,β -unsaturated enones by malononitrile in open air under metal-catalyst-free conditions. <i>Chemical Communications</i> , 2012, 48, 9879.	4.1	34
31	Domino Reaction of Acyclic α,β -Dialkenoylketene S,S-Acetals and Diamines: Efficient Synthesis of Tetracyclic Thieno[2,3-b]thiopyran-Fused Imidazo[1,2-a]pyridine/Pyrido[1,2-a]pyrimidines. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1986-1990.	4.3	32
32	Synthesis, characterization, photoluminescent and electroluminescent properties of new conjugated 2,2'-(arylenevinylene)bis-8-substituted quinolines. <i>Journal of Materials Chemistry</i> , 2003, 13, 1392-1399.	6.7	31
33	Synthesis and electrochemical and electroluminescent properties of N-phenylcarbazole-substituted poly(p-phenylenevinylene). <i>Journal of Polymer Science Part A</i> , 2005, 43, 5765-5773.	2.3	31
34	Aza-Oxy-Carbanion Relay via Non-Brook Rearrangement: Efficient Synthesis of Furo[3,2-c]pyridinones. <i>Journal of the American Chemical Society</i> , 2011, 133, 1781-1783.	13.7	31
35	Hypervalent iodine(III)-mediated cyclopropanation of alkenes/alkynes under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1341.	2.8	31
36	Carbon Tetrabromide Promoted Reaction of Amines with Carbon Disulfide: Facile and Efficient Synthesis of Thioureas and Thiuram Disulfides. <i>Synthesis</i> , 2008, 2008, 3579-3584.	2.3	30

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37	New PPV oligomers containing 8-substituted quinoline for light-emitting diodes. <i>Tetrahedron Letters</i> , 2002, 43, 3427-3430.	1.4	28
38	Halonium-initiated electrophilic cascades of 1-alkenylcyclopropane carboxamides: efficient access to dihydrofuropyridinones and 3(2H)-furanones. <i>Chemical Communications</i> , 2011, 47, 12394.	4.1	28
39	Photoredox-catalyzed Dimerization of Arylalkenes via an Oxidative [4+2] Cycloaddition Sequence: Synthesis of Naphthalene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3887-3896.	4.3	28
40	Donor-acceptor conjugates-functionalized zinc phthalocyanine: Towards broad absorption and application in organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 1803-1808.	6.2	27
41	N-Bromosuccinimide-carboxylic acid combination: mild and efficient access to dibromination of unsaturated carbonyl compounds. <i>RSC Advances</i> , 2013, 3, 5382.	3.6	27
42	A hydroxyphenyloxadiazole lithium complex as a highly efficient blue emitter and interface material in organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2003, 13, 2922.	6.7	26
43	Otherwise inert reaction of sulfonamides/carboxamides with formamides via proton transfer-enhanced reactivity. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2460.	2.8	25
44	Efficient three-component one-pot synthesis of fully substituted pyridin-2(1H)-ones via tandem Knoevenagel condensation-ring-opening of cyclopropane-intramolecular cyclization. <i>Chemical Communications</i> , 2009, , 3636.	4.1	24
45	Synthesis and photovoltaic properties of low-bandgap polymers based on N-arylcarbazole. <i>Polymer</i> , 2011, 52, 1748-1754.	3.8	23
46	Visible-Light-Mediated Oxidative Dimerization of Arylalkynes in the Open Air: Stereoselective Synthesis of (<i>Z</i>)-1,4-Enediones. <i>Organic Letters</i> , 2016, 18, 5860-5863.	4.6	22
47	One-Pot Tandem Double-Aldol Reaction/Aza-Addition of Acetylacetamides and <i>o</i> -Phthalaldehyde Leading to Spiroindan-2,2'-pyrrolidines. <i>Organic Letters</i> , 2009, 11, 93-96.	4.6	20
48	DABCO-catalyzed ring opening of activated cyclopropanes and recyclization leading to β -lactams with an all-carbon quaternary center. <i>Chemical Communications</i> , 2014, 50, 10491-10494.	4.1	20
49	<i>t</i> -BuONa-mediated direct C-H halogenation of electron-deficient (hetero)arenes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 886-890.	2.8	20
50	Activating room-temperature phosphorescence of 1,8-naphthalimide by doping into aromatic dicarboxylic acids. <i>Chemical Communications</i> , 2022, 58, 3641-3644.	4.1	19
51	Blue organic light-emitting diodes based on an oxadiazole-containing organic molecule exhibiting excited state intramolecular proton transfer. <i>Synthetic Metals</i> , 2003, 137, 1123-1124.	3.9	16
52	Domino reaction of arylaldehydes and 1-acetylcyclopropanecarboxamides: one-pot access to highly functionalized spiro piperidine-2,4-diones. <i>Tetrahedron Letters</i> , 2010, 51, 6349-6352.	1.4	15
53	Multi-component anion relay cascade of 1-acetylcyclopropanecarboxamides, aldehydes and acrylonitrile: access to biscyanoethylated furo[3,2- <i>c</i>]pyridinones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4571.	2.8	15
54	Multicomponent reaction of chalcones, malononitrile and DMF leading to β -ketoamides. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6389.	2.8	15

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55	A tandem reaction of 2-acetylmethylene-1,3-dithiolanes via fragmentation of the dithiolane ring in the presence of amines: a facile route to functionalized thioamides. <i>Tetrahedron Letters</i> , 2007, 48, 7938-7941.	1.4	14
56	Broad absorbing low-bandgap polythiophene derivatives incorporating separate and content-tunable benzothiadiazole and carbazole moieties for polymer solar cells. <i>European Polymer Journal</i> , 2010, 46, 1770-1777.	5.4	14
57	Direct α -C-H amination of α -dicarbonyl compounds using DBU-activated N-haloimides as nitrogen sources. <i>RSC Advances</i> , 2014, 4, 33765.	3.6	13
58	Halonium-initiated double oxa-cyclization cascade as a synthetic strategy for halogenated furo[3,2-c]pyran-4-ones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7212.	2.8	12
59	Recent advances of room temperature phosphorescence and long persistent luminescence by doping system of purely organic molecules. <i>Dyes and Pigments</i> , 2022, 204, 110400.	3.7	12
60	Synthesis of spiro[isoquinolinone-4,2-oxiranes] and isoindolinones via a multicomponent reaction of 2-acetyl-oxirane-2-carboxamides, arylaldehydes and malononitrile. <i>Chemical Communications</i> , 2014, 50, 6995.	4.1	10
61	Metal-free C α -N cross-coupling of electrophilic compounds and N-haloimides. <i>RSC Advances</i> , 2015, 5, 65600-65603.	3.6	10
62	One-pot, two-step conversion of alkynes to α -amino (α , α -diamino) ketones with a DMF-activated N-bromoimide strategy. <i>RSC Advances</i> , 2016, 6, 93325-93329.	3.6	10
63	Aza-tricycles containing a perfluoroalkyl group: synthesis, structure and fluorescence. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8950-8954.	2.8	10
64	1,4-Diazabicyclo[2.2.2]octane-Mediated Ring Opening of 1-Acetylcyclopropanecarboxamides and Its Application to the Construction of 3-Alkylated β -Lactams. <i>Synlett</i> , 2014, 25, 2271-2274.	1.8	9
65	With DBU-activated N-bromophthalimide as potential N-sources to achieve P α -N cross-coupling of P(O) α -H compounds. <i>Tetrahedron Letters</i> , 2016, 57, 2931-2934.	1.4	8
66	Zinc phthalocyanine π -conjugately linked with electron-withdrawing benzothiadiazole towards broad absorption. <i>Tetrahedron Letters</i> , 2013, 54, 5953-5955.	1.4	7
67	Photo- and dioxygen-enabled radical C(sp ³) α -N(sp ²) cross-coupling between guanidines and perfluoroalkyl iodides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8695-8700.	2.8	7
68	White organic electroluminescence based on a new boron complex. <i>Synthetic Metals</i> , 2003, 137, 1109-1110.	3.9	6
69	Transformation of Thioacids into Carboxylic Acids via a Visible-Light-Promoted Atomic Substitution Process. <i>Organic Letters</i> , 2022, 24, 2020-2024.	4.6	6
70	Direct α -amination of nitrones achieved by DBU-activated N-haloimides. <i>Tetrahedron Letters</i> , 2016, 57, 3823-3826.	1.4	5
71	Facile and Efficient Synthesis of Substituted 1,4-dithiafulvalenes from α -dicarbonyl Compounds. <i>Synthetic Communications</i> , 2007, 37, 3077-3087.	2.1	4
72	Syntheses and Characterization of Tributyltin(IV) Carboxylates Containing α -oxoketene Cyclic Dithioacetals. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2003, 33, 411-422.	1.8	3

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73	Rapid α -Amination of N-Substituted Indoles by Using DBU-Activated N-Haloimides as Nitrogen Sources. <i>Synlett</i> , 2014, 26, 116-122.	1.8	3
74	BF ₃ ·OEt ₂ -Mediated C-C Bond-Forming Reaction of α -Hydroxyketene-(S,S)-acetals with Active Methylene Compounds and Its Application in the Synthesis of Substituted 3,4-Dihydro-2-pyridones. <i>Synlett</i> , 2007, 2007, 0156-0160.	1.8	0
75	Benzothiadiazole-cored regioregular oligothiophenes as building blocks for novel crystalline low band-gap conjugated polymers with solution processibility. , 2008, , .		0
76	Femtosecond transient photophysics of polyfluorene copolymers tuned by carbazole side group. <i>Chemical Physics Letters</i> , 2011, 504, 52-55.	2.6	0